

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	(electrode same (tin adj oxide) same (sol-gel or (sol adj gel))).clm.	USPAT	AND	ON	2006/01/11 11:59
L2	9	((tin adj oxide) same (sol-gel or (sol adj gel))).clm.	USPAT	AND	ON	2006/01/11 11:59
L3	0	(ryoumei same omote).in.	US-PGPUB; USPAT	AND	ON	2006/01/11 12:02
L4	6	(yoshihide same inako).in.	US-PGPUB; USPAT	AND	ON	2006/01/11 12:02
L5	1	(yosuke same matsukawa).in.	US-PGPUB; USPAT	AND	ON	2006/01/11 12:03
L6	47	(kazuhiro same nishikawa).in.	US-PGPUB; USPAT	AND	ON	2006/01/11 12:03
L7	0	(masayasu same sakane).in.	US-PGPUB; USPAT	AND	ON	2006/01/11 12:03
L9	53	3 or 4 or 5 or 6 or 7	US-PGPUB; USPAT	AND	ON	2006/01/11 12:04
L10	26	9 and electrode	US-PGPUB; USPAT	AND	ON	2006/01/11 12:04
L11	5	9 and electrode and (indium or tin) near2 oxide	US-PGPUB; USPAT	AND	ON	2006/01/11 12:05
L12	0	9 and electrode and roughness and (indium or tin) near2 oxide	US-PGPUB; USPAT	AND	ON	2006/01/11 12:05
L13	0	9 and electrode and (sol-gel or solgel or (sol adj gel)) and (indium or tin) near2 oxide	US-PGPUB; USPAT	AND	ON	2006/01/11 12:05
S1	1	"5225273".pn.	USPAT	OR	OFF	2003/12/02 08:29
S3	1	S1 and (amorphous or crystal\$4)	USPAT	OR	OFF	2003/12/02 08:29
S4	3	"311630".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/09/26 08:30
S5	12	((touch adj panel) and roughness) and (conductive with (film or layer or coating))	USPAT	OR	OFF	2002/09/25 16:26
S6	1	(touch adj panel) and (mean with roughness)	USPAT	OR	OFF	2002/09/25 09:55
S7	0	(touch adj panel) and (square with roughness)	USPAT	OR	OFF	2002/09/25 14:12
S8	60	(touch adj panel) and (Ra or Rms)	USPAT	OR	OFF	2002/09/25 09:55
S9	5	(touch adj panel) and ((Ra or Rms) with rough\$5)	USPAT	OR	OFF	2002/09/25 09:56
S10	6	(touch adj panel) and (average with roughness)	USPAT	OR	OFF	2002/09/25 10:00

S11	15	(kazuhiro same nishikawa).in.	USPAT	OR	OFF	2002/09/25 10:03
S12	0	(masayasu same sakana).in.	USPAT	OR	OFF	2002/09/25 10:02
S13	1	(yosuke same matsukawa).in.	USPAT	OR	OFF	2002/09/25 10:02
S14	6	(yoshihide same inako).in.	USPAT	OR	OFF	2002/09/25 10:02
S15	0	(ryoumei same omote).in.	USPAT	OR	OFF	2002/09/25 10:01
S16	0	(touch adj panel) and (Ra or Rms)	USPAT	OR	OFF	2002/09/25 10:04
S17	0	(touch adj panel) and rough\$5	USPAT	OR	OFF	2002/09/25 10:04
S18	0	(touch adj panel) and roughness	USPAT	OR	OFF	2002/09/25 10:04
S19	10175	touch adj panel	US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/09/25 10:04
S20	6765	((((display adj device) or LCD or plasma or eletroluminescent)) and roughness	USPAT	OR	OFF	2002/09/25 10:35
S21	10	(touch adj panel) and ("R.sub.a" or "R.sub.ms")	USPAT	OR	OFF	2002/09/25 10:37
S22	7	((((((display adj device) or LCD or plasma or eletroluminescent)) and (transparent with conductive with (film or layer or coating))) and (((mean or average or square) adj roughness) or (Ra or Rms or "R.sub.a" or "R.sub.ms")))) and electrode) and (((tin or indium) with oxide) or ITO or ATO or FTO)) and (touch with panel)	USPAT	OR	ON	2002/09/25 10:42
S23	134	((((((display adj device) or LCD or plasma or eletroluminescent)) and (transparent with conductive with (film or layer or coating))) and (((mean or average or square) adj roughness) or (Ra or Rms or "R.sub.a" or "R.sub.ms")))) and electrode) and (((tin or indium) with oxide) or ITO or ATO or FTO)	USPAT	OR	ON	2002/09/25 10:44
S24	173	((((((display adj device) or LCD or plasma or eletroluminescent)) and (transparent with conductive with (film or layer or coating))) and (((mean or average or square) adj roughness) or (Ra or Rms or "R.sub.a" or "R.sub.ms")))) and electrode	USPAT	OR	ON	2002/09/25 10:44

S25	201	(((((display adj device) or LCD or plasma or eletroluminescent))) and (transparent with conductive with (film or layer or coating))) and (((mean or average or square) adj roughness) or (Ra or Rms or "R.sub.a" or "R.sub.ms")))	USPAT	OR	OFF	2002/09/25 10:44
S26	0	((liquid adj crystal with orientation adj film) with (ITO or (indium with tin with oxide))).ab.	USPAT	OR	ON	2002/09/25 11:50
S27	0	(liquid adj crystal with orientation adj film) with (ITO or (indium with tin with oxide)).ab.	USPAT	OR	ON	2002/09/25 11:50
S28	1	(liquid adj crystal with orientation adj film) near2 (ITO or (indium with tin with oxide))	USPAT	OR	ON	2002/09/25 11:52
S29	3049	touch adj panel	USPAT	OR	ON	2002/09/25 10:27
S30	32	(touch adj panel) and roughness	USPAT	OR	OFF	2002/09/25 10:36
S31	186	(touch adj panel) and (transparent with conductive with (film or layer or coating))	USPAT	OR	ON	2002/09/25 10:36
S32	9	((touch adj panel) and (transparent with conductive with (film or layer or coating))) and roughness	USPAT	OR	OFF	2002/09/25 10:33
S33	203681	((display adj device) or LCD or plasma or eletroluminescent)	USPAT	OR	OFF	2002/09/25 10:35
S34	5921	(((((display adj device) or LCD or plasma or eletroluminescent))) and (transparent with conductive with (film or layer or coating)))	USPAT	OR	ON	2002/09/25 10:45
S35	112	(((((display adj device) or LCD or plasma or eletroluminescent))) and (transparent with conductive with (film or layer or coating))) and (((mean or average or square) adj roughness) or (Ra or "R.sub.a" or "R.sub.ms")))	USPAT	OR	OFF	2002/09/25 10:47
S36	97	(((((display adj device) or LCD or plasma or eletroluminescent))) and (transparent with conductive with (film or layer or coating))) and (((mean or average or square) adj roughness) or (Ra or "R.sub.a" or "R.sub.ms"))) and electrode	USPAT	OR	ON	2002/09/25 10:47

S37	87	(((((display adj device) or LCD or plasma or eletroluminescent)) and (transparent with conductive with (film or layer or coating))) and (((mean or average or square) adj roughness) or (Ra or "R.sub.a" or "R.sub.ms")))) and electrode) and (((tin or indium) with oxide) or ITO or ATO or FTO)	USPAT	OR	ON	2002/09/25 10:44
S38	55	(((((display adj device) or LCD or plasma or eletroluminescent)) and (transparent with conductive with (film or layer or coating))) and (((mean or average or square) adj roughness) or (Ra or "R.sub.a" or "R.sub.ms")))) and electrode) and (((tin or indium) with oxide) or ITO or ATO or FTO)) and ((transparent with conductive with (film or layer or coating)) same electrode)	USPAT	OR	ON	2002/09/25 10:48
S39	51	(((((display adj device) or LCD or plasma or eletroluminescent)) and (transparent with conductive with (film or layer or coating))) and (((mean or average or square) adj roughness) or (Ra or "R.sub.a" or "R.sub.ms")))) and electrode) and (((tin or indium) with oxide) or ITO or ATO or FTO)) and ((transparent with conductive with (film or layer or coating)) with electrode)	USPAT	OR	ON	2002/09/25 10:45
S40	37	((((display adj device) or LCD or plasma or eletroluminescent)) and (transparent with conductive with (film or layer or coating))) and ((mean or average or square) adj roughness)	USPAT	OR	OFF	2002/09/25 10:54
S41	31	(((((display adj device) or LCD or plasma or eletroluminescent)) and (transparent with conductive with (film or layer or coating))) and ((mean or average or square) adj roughness)) and electrode	USPAT	OR	ON	2002/09/25 10:54
S42	14	(((((display adj device) or LCD or plasma or eletroluminescent)) and (transparent with conductive with (film or layer or coating))) and ((mean or average or square) adj roughness)) and electrode) and ((transparent with conductive with (film or layer or coating)) same electrode)	USPAT	OR	ON	2002/09/25 10:54

S43	74	(((((display adj device) or LCD or plasma or eletroluminescent)) and (transparent with conductive with (film or layer or coating))) and ((mean or average or square) with roughness)	USPAT	OR	OFF	2002/09/25 10:54
S44	60	(((((display adj device) or LCD or plasma or eletroluminescent)) and (transparent with conductive with (film or layer or coating))) and ((mean or average or square) with roughness)) and electrode	USPAT	OR	ON	2002/09/25 10:54
S45	35	((((((display adj device) or LCD or plasma or eletroluminescent)) and (transparent with conductive with (film or layer or coating))) and ((mean or average or square) with roughness)) and electrode) and ((transparent with conductive with (film or layer or coating)) same electrode)	USPAT	OR	ON	2002/09/25 11:06
S46	0	(intaglio adj roll) and (ink adj feeder) and (doctor) and (print adj roll)	USPAT	OR	ON	2002/09/25 11:07
S47	1	(intaglio adj roll) and (ink adj feeder) and (doctor)	USPAT	OR	ON	2002/09/25 11:07
S48	51	intaglio adj roll	USPAT	OR	ON	2002/09/25 11:44
S49	1	3-11630	USPAT	OR	ON	2002/09/25 11:48
S50	1131	liquid adj crystal with orientation adj film	USPAT	OR	ON	2002/09/25 11:49
S51	751	(liquid adj crystal with orientation adj film) and (ITO or (indium with tin with oxide))	USPAT	OR	ON	2002/09/25 11:49
S52	101	(liquid adj crystal with orientation adj film) with (ITO or (indium with tin with oxide))	USPAT	OR	ON	2002/09/25 13:34
S53	368	(transparent with conductive with film) and roughness	USPAT	OR	OFF	2002/09/25 14:25
S54	0	(touch adj panel) and ((transparent with conductive with film) same roughness)	USPAT	OR	OFF	2002/09/25 14:22
S55	101	(liquid adj crystal with orientation adj film) with (ITO or (indium with tin with oxide))	USPAT	OR	ON	2002/09/25 13:35
S56	0	"5477783".pn. and (touch or panel or display)	USPAT	OR	ON	2002/09/25 13:29
S57	0	"5477783".pn. and (touch or panel)	USPAT	OR	ON	2002/09/25 13:29
S58	0	"5477783".pn. and transparent	USPAT	OR	ON	2002/09/25 13:29
S59	0	"5477783".pn. and conductive	USPAT	OR	ON	2002/09/25 13:29

S60	0	"5477783".pn. and oxide	USPAT	OR	ON	2002/09/25 13:29
S61	1	"5477783".pn. and film	USPAT	OR	ON	2002/09/25 13:29
S62	1	"5477783".pn.	USPAT	OR	ON	2002/09/25 13:28
S63	3	(((masaki same kenichi).in.) and (touch or panel or display)) xor (((masaki same kenichi).in.) and (touch or panel))	USPAT	OR	ON	2002/09/25 13:28
S64	5	((masaki same kenichi).in.) and (touch or panel or display)	USPAT	OR	ON	2002/09/25 13:29
S65	2	((masaki same kenichi).in.) and (touch or panel)	USPAT	OR	ON	2002/09/25 13:29
S66	2	((masaki same kenichi).in.) and conductive	USPAT	OR	ON	2002/09/25 13:29
S67	0	((masaki same kenichi).in.) and oxide	USPAT	OR	ON	2002/09/25 13:29
S68	6	((masaki same kenichi).in.) and film	USPAT	OR	ON	2002/09/25 13:29
S69	6	(masaki same kenichi).in.	USPAT	OR	OFF	2002/09/25 13:22
S70	3	((masaki same kenichi).in.) and transparent	USPAT	OR	ON	2002/09/25 13:29
S71	6	(touch adj panel) and (transparent with conductive with film) and roughness	USPAT	OR	OFF	2002/09/25 14:27
S72	29	(transparent with conductive with film) same roughness	USPAT	OR	OFF	2002/09/25 16:00
S73	17	(transparent with conductive with film) with roughness	USPAT	OR	OFF	2002/09/25 15:48
S74	1	"5579141".pn.	USPAT	OR	OFF	2002/09/25 15:49
S75	1	"5579141".pn. and roughness	USPAT	OR	OFF	2002/09/25 15:49
S76	12	((transparent with conductive with film) same roughness) xor ((transparent with conductive with film) with roughness)	USPAT	OR	OFF	2002/09/25 16:00
S77	1	(touch adj panel) and ((conductive with (film or layer or coating)) same roughness)	USPAT	OR	OFF	2002/09/25 16:28
S78	7	(touch adj panel) and ((transparent with conductive with (film or layer or coating)) and roughness)	USPAT	OR	OFF	2002/09/25 16:28
S79	1	"5579141".pn.	USPAT	OR	OFF	2002/09/26 11:02
S80	1	"6217995".pn.	USPAT	OR	OFF	2002/09/25 16:35
S81	1	"4675469".pn.	USPAT	OR	OFF	2002/09/25 16:36
S82	1	"5871843".pn.	USPAT	OR	OFF	2002/09/25 16:36
S83	4	"5579141".pn. or "6217995".pn. or "4675469".pn. or "5871843".pn.	USPAT	OR	OFF	2002/09/25 16:36

S84	4	("5579141".pn. or "6217995".pn. or "4675469".pn. or "5871843".pn.) and (transparent or conductive or film or roughness or Ra or Rms or "R.sub.a" or "R.sub.ms" or display or touch or panel or ITO or indium or tin or oxide)	USPAT	OR	OFF	2002/09/25 16:37
S85	3	"10024516".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/09/26 08:31
S86	2	"200188983".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/09/26 08:37
S87	2	"5325646".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/09/26 08:39
S88	0	"050325646".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/09/26 08:37
S89	0	"50325646".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/09/26 08:37
S90	0	"60174126".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/09/26 08:39
S91	1	"6217995".pn.	USPAT	OR	OFF	2002/09/26 09:16
S92	92116	"10024516".pn. and antimony or fluorine	USPAT	OR	OFF	2002/09/26 09:01
S93	0	"10024516".pn. and (antimony or fluorine)	USPAT	OR	OFF	2002/09/26 09:01
S94	0	"10024516".pn. and (F or Sb)	USPAT	OR	OFF	2002/09/26 09:01
S95	0	"10024516".pn. and (tin or oxide)	USPAT	OR	OFF	2002/09/26 09:02
S96	1	"6217995".pn. and (touch or panel)	USPAT	OR	OFF	2002/09/26 09:17
S97	0	"6217995".pn. and (touch)	USPAT	OR	OFF	2002/09/26 09:36
S98	1	"4675469".pn.	USPAT	OR	OFF	2002/09/26 10:10
S99	0	"4675469".pn. and (touch or panel or display)	USPAT	OR	OFF	2002/09/26 09:36

S10 0	1	"4675469".pn. and (antimony or fluorine or F or Sb)	USPAT	OR	OFF	2002/09/26 10:10
S10 1	1	"6089154".pn.	USPAT	OR	OFF	2002/09/26 11:03
S10 2	1	"5477783".pn.	USPAT	OR	OFF	2002/09/26 11:03
S10 3	1	"5158018".pn.	USPAT	OR	OFF	2002/09/26 11:18
S10 4	3	"6089154".pn. or "5477783".pn. or "5158018".pn.	USPAT	OR	OFF	2002/09/26 11:03
S10 5	2	("6089154".pn. or "5477783".pn. or "5158018".pn.) and increas\$5	USPAT	OR	OFF	2002/09/26 11:03
S10 6	0	"5158018".pn. and electronic	USPAT	OR	OFF	2002/09/26 11:18
S10 7	1	"6103363".pn.	USPAT	OR	OFF	2002/09/26 15:18
S10 8	88	((touch or sense) adj (panel or screen)) and roughness	USPAT	OR	OFF	2003/04/01 15:32
S10 9	18	((touch or sense) adj (panel or screen)) and roughness and electrode	USPAT	OR	OFF	2003/04/01 14:57
S11 0	1	"4675469".pn.	USPAT	OR	OFF	2003/04/01 15:21
S11 1	0	"4675469".pn. and sputter\$3	USPAT	OR	OFF	2003/04/01 15:21
S11 2	2	((touch or sense) adj (panel or screen)) and ((indium adj tin adj oxide) or ITO) with sputter\$3 with (temperature or celsius)	USPAT	OR	OFF	2003/04/01 15:33
S11 3	3	((touch or sense) adj (panel or screen)) and ((indium adj tin adj oxide) or ITO) with sputter\$3 with (temperature or celsius or degree)	USPAT	OR	ON	2003/04/01 15:31
S11 4	15	((touch or sense) adj (panel or screen)) and (sputter\$3 with (temperature or celsius))	USPAT	OR	OFF	2003/04/01 15:31
S11 5	0	((touch or sense) adj (panel or screen)) and (electrode with sputter\$3 with (temperature or celsius))	USPAT	OR	OFF	2003/04/01 15:32
S11 6	450	electrode with sputter\$3 with (temperature or celsius)	USPAT	OR	OFF	2003/04/01 15:33
S11 7	0	(electrode with sputter\$3 with (temperature or celsius)) and ((touch or sense) adj (panel or screen))	USPAT	OR	OFF	2003/04/01 15:32

S11 8	0	((electrode with sputter\$3 with (temperature or celsius)) and ((touch or sense) with (panel or screen)))	USPAT	OR	OFF	2003/04/01 15:32
S11 9	33	electrode with sputter\$3 with (temperature or celsius) same (heat with treat\$4)	USPAT	OR	OFF	2003/04/01 15:48
S12 0	9	((electrode with sputter\$3 with (temperature or celsius) same (heat with treat\$4)) and ((indium adj tin adj oxide) or ITO))	USPAT	OR	OFF	2003/04/01 15:45
S12 1	24	((electrode with sputter\$3 with (temperature or celsius) same (heat with treat\$4)) and ((indium adj tin adj oxide) or ITO)) xor (electrode with sputter\$3 with (temperature or celsius) same (heat with treat\$4))	USPAT	OR	OFF	2003/04/01 15:45
S12 2	48	electrode with sputter\$3 with (low adj temperature)	USPAT	OR	OFF	2003/04/01 15:49
S12 3	8	electrode with sputter\$3 with (low adj temperature) same (ITO or (indium adj tin adj oxide))	USPAT	OR	OFF	2003/04/01 15:51
S12 4	0	((touch or sense) with (screen or panel)) with sputter\$3 with (low adj temperature) same (ITO or (indium adj tin adj oxide))	USPAT	OR	OFF	2003/04/01 15:52
S12 5	0	((touch or sense) with (screen or panel)) with sputter\$3 with (low adj temperature) and (ITO or (indium adj tin adj oxide))	USPAT	OR	OFF	2003/04/01 16:02
S12 6	3	(LCD or (liquid adj crystal)) with sputter\$3 with (low adj temperature) same (ITO or (indium adj tin adj oxide))	USPAT	OR	OFF	2003/04/01 15:52
S12 7	0	((touch or sense) with (screen or panel)) with sputter\$3 with ("100" with temperature) and (ITO or (indium adj tin adj oxide))	USPAT	OR	OFF	2003/04/01 16:04
S12 8	0	((touch or sense) with (screen or panel)) with sputter\$3 with ("100" with degree) and (ITO or (indium adj tin adj oxide))	USPAT	OR	ON	2003/04/01 16:02
S12 9	0	((touch or sense) with (screen or panel)) with sputter\$3 with "100" and (ITO or (indium adj tin adj oxide))	USPAT	OR	ON	2003/04/01 16:03
S13 0	0	((touch or sense) with (screen or panel)) with sputter\$3 with "110" and (ITO or (indium adj tin adj oxide))	USPAT	OR	ON	2003/04/01 16:03

S13 1	0	((touch or sense) with (screen or panel)) with sputter\$3 with "120" and (ITO or (indium adj tin adj oxide))	USPAT	OR	ON	2003/04/01 16:03
S13 2	0	((touch or sense) with (screen or panel)) with sputter\$3 with "130" and (ITO or (indium adj tin adj oxide))	USPAT	OR	ON	2003/04/01 16:03
S13 3	0	((touch or sense) with (screen or panel)) with sputter\$3 with "140" and (ITO or (indium adj tin adj oxide))	USPAT	OR	ON	2003/04/01 16:03
S13 4	0	((touch or sense) with (screen or panel)) with sputter\$3 with "150" and (ITO or (indium adj tin adj oxide))	USPAT	OR	ON	2003/04/01 16:03
S13 5	0	((touch or sense) with (screen or panel or display)) with sputter\$3 with "150" and (ITO or (indium adj tin adj oxide))	USPAT	OR	ON	2003/04/01 16:04
S13 6	0	((touch or sense) with (screen or panel or display)) with sputter\$3 with "10" and (ITO or (indium adj tin adj oxide))	USPAT	OR	ON	2003/04/01 16:04
S13 7	0	((touch or sense) with (screen or panel or display)) with sputter\$3 with "100" and (ITO or (indium adj tin adj oxide))	USPAT	OR	ON	2003/04/01 16:04
S13 8	0	((touch or sense) with (screen or panel or display)) with sputter\$3 with "100"	USPAT	OR	ON	2003/04/01 16:04
S13 9	27	((touch or sense) with (screen or panel)) and (sputter\$3 with ("100" or "110" or "120" or "130" or "140" or "150")) and (ITO or (indium adj tin adj oxide))	USPAT	OR	OFF	2003/04/01 16:05
S14 0	14	((touch or sense) with (screen or panel)) and (sputter\$3 with ("100" or "110" or "120" or "130" or "140" or "150")) and (ITO or (indium adj tin adj oxide)) with electrode	USPAT	OR	OFF	2003/04/01 16:07
S14 1	0	((touch or sense) with (screen or panel)) and (sputter\$3 with ("100" or "110" or "120" or "130" or "140" or "150")) with (temperature or degree or celsius)) and (ITO or (indium adj tin adj oxide)) with electrode	USPAT	OR	ON	2003/04/01 16:09

S14 2	2	((touch or sense) with (screen or panel)) and (sputter\$3 with ("100" or "110" or "120" or "130" or "140" or "150") with (temperature or degree or celsius)) and (ITO or (indium adj tin adj oxide))	USPAT	OR	ON	2003/04/01 16:11
S14 3	10	((touch or sense) with (screen or panel)) and (sputter\$3 with (temperature or degree or celsius)) and (ITO or (indium adj tin adj oxide)) with electrode	USPAT	OR	ON	2003/04/01 16:14
S14 4	10	((touch or sense) with (screen or panel)) and (sputter\$3 with (temperature or degree or celsius)) and (ITO or (indium adj tin adj oxide)) with electrode	USPAT	OR	ON	2003/04/02 10:10
S14 5	0	((touch or sense) with (screen or panel)) and (sputter\$3 with (heat adj heat\$4)) and (ITO or (indium adj tin adj oxide)) with electrode	USPAT	OR	ON	2003/04/02 07:58
S14 6	0	((touch or sense) with (screen or panel)) and (sputter\$3 with (heat adj heat\$4))	USPAT	OR	ON	2003/04/02 08:08
S14 7	0	(LCD or (liquid adj crystal)) and (sputter\$3 with (heat adj heat\$4)) and (ITO or (indium adj tin adj oxide)) with electrode	USPAT	OR	ON	2003/04/02 08:08
S14 8	4	((touch or sense) with (screen or panel)) and (sputter\$3 with (heat adj treat\$4)) and (ITO or (indium adj tin adj oxide)) with electrode	USPAT	OR	ON	2003/04/02 07:58
S14 9	60	(LCD or (liquid adj crystal)) and (sputter\$3 with (heat adj treat\$4)) and (ITO or (indium adj tin adj oxide)) with electrode	USPAT	OR	ON	2003/04/02 08:08
S15 0	12	((touch or sense) with (screen or panel)) and (sputter\$3 with (heat adj treat\$4))	USPAT	OR	ON	2003/04/02 08:08
S15 1	8	((touch or sense) with (screen or panel)) and (sputter\$3 with (heat adj treat\$4))) xor (((touch or sense) with (screen or panel)) and (sputter\$3 with (heat adj treat\$4)) and (ITO or (indium adj tin adj oxide)) with electrode)	USPAT	OR	ON	2003/04/02 08:08
S15 2	1	"5225273".pn.	USPAT	OR	OFF	2003/04/02 10:11
S15 3	2740	(touch adj (panel or screen)) and (rectangular or trapezoidal)	USPAT	OR	ON	2005/01/18 09:07

S15 4	0	(touch adj (panel or screen)) and (rectangular or trapezoidal) with aggregate	USPAT	OR	ON	2005/01/18 09:08
S15 5	5	(touch adj (panel or screen)) and (rectangular or trapezoidal) same aggregate	USPAT	OR	ON	2005/01/18 09:08
S15 6	3271	(touch adj (panel or screen)) and (rectang\$4 or trapezoid\$3)	USPAT	OR	ON	2005/01/18 09:09
S15 7	389	(touch adj (panel or screen)) and (rectang\$4 or trapezoid\$3) with surface	USPAT	OR	ON	2005/01/18 09:09
S15 8	2	(touch adj (panel or screen)) and (rectang\$4 or trapezoid\$3) with grain	USPAT	OR	ON	2005/01/18 09:10
S15 9	152	(touch adj (panel or screen)) with (rectang\$4 or trapezoid\$3)	USPAT	OR	ON	2005/01/18 09:10
S16 0	26	(touch adj (panel or screen)) with (rectang\$4 or trapezoid\$3) with surface	USPAT	OR	ON	2005/01/18 09:12
S16 1	26	(touch adj (panel or screen)) and (rectang\$4 or trapezoid\$3) with (film or layer or coating) with conductive	USPAT	OR	ON	2005/01/18 09:17
S16 2	158	(touch adj (panel or screen)) and (rectang\$4 or trapezoid\$3) with (cross-section\$3 or (cross adj section\$3))	USPAT	OR	ON	2005/01/18 09:17
S16 3	1	(touch adj (panel or screen)) and (rectang\$4 or trapezoid\$3) with (cross-section\$3 or (cross adj section\$3)) with conductive	USPAT	OR	ON	2005/01/18 09:18
S16 4	126	(touch adj (panel or screen)) and (rectang\$4 or trapezoid\$3) near2 (cross-section\$3 or (cross adj section\$3))	USPAT	OR	ON	2005/01/18 09:18
S16 5	2	(touch adj (panel or screen)) same (rectang\$4 or trapezoid\$3) near2 (cross-section\$3 or (cross adj section\$3))	USPAT	OR	ON	2005/01/18 09:19
S16 6	5	(touch adj (panel or screen)).ab. and (cross-section\$3 or (cross adj section\$3)) with conductive near2 (film or layer or coating)	USPAT	OR	ON	2005/01/18 09:22
S16 7	380	(touch adj (panel or screen)) and (conductive near2 (film or layer or coating)) with surface	USPAT	OR	ON	2005/01/18 09:22
S16 8	125	(touch adj (panel or screen)) and (surface near2 conductive near2 (film or layer or coating))	USPAT	OR	ON	2005/01/18 09:24

S16 9	3	(touch adj (panel or screen)) and (crystal near2 (grain or aggregate)) with (rectangl\$4 or shape or trapezoidal)	USPAT	OR	ON	2005/01/18 09:28
S17 0	5559	(touch adj (panel or screen)) and (rectangl\$4 or shape or trapezoidal)	USPAT	OR	ON	2005/01/18 09:28
S17 1	1157	(touch adj (panel or screen)) and (rectangl\$4 or trapezoidal)	USPAT	OR	ON	2005/01/18 09:28
S17 2	0	(touch adj (panel or screen)) and (rectangl\$4 or trapezoidal) with grain	USPAT	OR	ON	2005/01/18 09:28
S17 3	9	(touch adj (panel or screen)) and (rectangl\$4 or trapezoidal) with crystal	USPAT	OR	ON	2005/01/18 09:29
S17 4	22	(touch adj (panel or screen)) and (rectangl\$4 or trapezoidal) with (film or layer)	USPAT	OR	ON	2005/01/18 09:38
S17 5	145	(touch adj (panel or screen)) and (conductive near2 (film or layer) near2 surface)	USPAT	OR	ON	2005/01/18 09:55
S17 6	943	(touch adj (panel or screen)) and (conductive near2 (film or layer) surface near2 shape)	USPAT	OR	ON	2005/01/18 09:42
S17 7	1	(touch adj (panel or screen)) and (conductive near2 (film or layer) with surface near2 shape)	USPAT	OR	ON	2005/01/18 09:42
S17 8	43	(touch adj (panel or screen)) and (conductive near2 (film or layer) with shape)	USPAT	OR	ON	2005/01/18 09:42
S17 9	2	(touch adj (panel or screen)) and etch\$3 with (cross-section\$3 or (cross adj section\$3)) with shape	USPAT	OR	ON	2005/01/18 09:56
S18 0	82	(touch adj (panel or screen)) and etch\$3 with shape	USPAT	OR	ON	2005/01/18 09:56
S18 1	2	(touch adj (panel or screen)) and etch\$3 with (rectangl\$4 or trapezoidal)	USPAT	OR	ON	2005/01/18 09:58
S18 2	82	(touch adj (panel or screen)) and etch\$3 with (shape)	USPAT	OR	ON	2005/01/18 09:57
S18 3	179	(conductive or electroconductive) adj (film or layer) and etch\$3 with (rectangl\$4 or trapezoidal)	USPAT	OR	ON	2005/01/18 09:58
S18 4	15	(conductive or electroconductive) adj (film or layer) with etch\$3 with (rectangl\$4 or trapezoidal)	USPAT	OR	ON	2005/01/18 10:03
S18 5	1	S184 and touch	USPAT	OR	ON	2005/01/18 10:00

S18 6	62	(conductive or electroconductive) adj (film or layer) with etch\$3 and etch\$3 with (rectangl\$4 or trapezoidal)	USPAT	OR	ON	2005/01/18 10:02
S18 7	3	S186 and touch	USPAT	OR	ON	2005/01/18 10:02
S18 8	5	(conductive or electroconductive) adj (film or layer) with etch\$3 with (rectangl\$4 or trapezoidal) with shape	USPAT	OR	ON	2005/01/18 10:07
S18 9	2	(conductive or electroconductive) adj (film or layer) with etch\$3 with (rectangl\$4 or trapezoidal) with pattern	USPAT	OR	ON	2005/01/18 10:13
S19 0	0	S189 and touch	USPAT	OR	ON	2005/01/18 10:08
S19 1	1	"6284393".pn.	USPAT	OR	ON	2005/01/18 10:13
S19 2	1	S191 and (rectangl\$4 or trapezoidal)	USPAT	OR	ON	2005/01/18 10:13
S19 3	1	"6075178".pn.	USPAT	OR	ON	2005/01/18 14:27
S19 4	1	S193 and (indicator or contrast)	USPAT	OR	ON	2005/01/18 14:38
S19 5	1	S193 and "90"	USPAT	OR	ON	2005/01/18 15:13
S19 6	0	"9566747"	USPAT	OR	ON	2005/01/18 15:13
S19 7	0	"9566747"	US-PGPUB; USPAT	OR	ON	2005/01/18 15:13
S19 8	0	"09566747"	US-PGPUB; USPAT	OR	ON	2005/01/18 15:13